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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) Eldumiat, et al.  
Serial No.: 09/662,405  
Filed: September 14, 2000  
Art Unit: 2631  
Examiner: Kumar, Pankaj  
Title: Processing Diagnostic and Identification Data in an Analog Modem System

APPLICANT'S DECLARATION UNDER 37 C.F.R. § 1.132

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

I, Jason B. Brent, declare as follows:

1. I obtained a B.Sc. degree in Electronics, Computer and Systems Engineering in July 1984 from Loughborough University of Technology and a PhD degree in September 1988, with a thesis on "Coherent Detection of QAM Signals for Land Mobile Radio," from Loughborough University of Technology.

2. I am the inventor of at least three (3) U.S. patents and five (5) pending U.S. patent applications.

3. I have been working as an engineer in the area of telecommunications and, more specifically, modem technology for more than twenty (20) years.

4. I declare that "physical layer handshaking" in the area of modem technology commonly refers to the modem training session, which is performed to establish a data connection between modems, and that "physical layer handshaking" ends when a "data connection" is established. Examples of ITU Recommendations that define parts of "physical layer handshaking" for modems are V.8, V.8bis, V.25, V.32, V.32bis, V.34, V.90, V.92, etc.

5. I declare that "link layer handshaking" in the area of modem technology commonly refers to the protocol handshaking between modems, which proceeds "physical layer handshaking", i.e. after the modems establish the "data connection". Examples of ITU Recommendations that define parts of "link layer handshaking" are V.42, V.42bis, V.44, etc.

6. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine of imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the above-referenced patent application or any patent issuing thereon.

16-Aug-2005  
Date

Jason B. Brent 